

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Currently Amended) An image processing apparatus according to claim [[1]]
3, wherein three primary colors of the color is red (R), green (G), and blue (B), and plural types of color data are cyan (C), magenta (M), yellow (Y), and black (K).
3. (Currently Amended) ~~An image processing apparatus according to claim 1, An~~
image processing apparatus comprising:
 a color converting section that converts three primary colors of colors supplied for
each pixel of a manuscript image into plural types of color data related to a complementary
color;
 a region identifying section that identifies a region for each pixel based on the three
primary colors of the colors supplied for each pixel of the manuscript image;
 a setting section that sets a value of sharpness setting;
 a storage section that stores a filter coefficient that consists of a basic coefficient and a
differential coefficient for each value of sharpness setting;
 a generating section that reads out from the storage section the filter coefficient based
on the value of the sharpness setting set by the setting section, and generates plural types of
matrix shaped filters, each of which corresponds to an area identified by the region
identifying section according to the read out filter coefficient;
 a selecting section that selects one of the plural types of matrix shaped filters
generated by the generating section according to the identification result from the region
identifying section; and
 a filter section that subjects color data acquired from the color converting section to a
filtering process by using the matrix shaped filter selected by the selecting section,
 wherein a filter coefficient stored in the storage section is configured in size that
corresponds to 1/4 of the filter size.

4. (Canceled)

5. (Currently Amended) An image processing method according to claim [[4]] 6, wherein three primary colors of the color is red (R), green (G), and blue (B), and plural types of color data are cyan (C), magenta (M), yellow (Y), and black (K).

6. (Currently Amended) ~~An image processing method according to claim 4, An~~
image processing method comprising the steps of:
converting three primary colors of colors supplied for each pixel of a manuscript
image into plural types of color data related to a complementary color;
identifying a region for each pixel based on the three primary colors of the colors
supplied for each pixel of the manuscript image;
reading out a filter coefficient based on a value of sharpness setting based on the filter
coefficient that consists of a basic coefficient and differential coefficient for each value of
sharpness setting stored in a storage section; and
generating plural types of matrix shaped filters, each of which corresponds to the
region identified according to the read out filter coefficient;
selecting one of the plural types of matrix shaped filters generated according to the
identification result of the region; and
subjecting color data acquired from a color converting section to a filtering process by
using the matrix shaped filter selected,
wherein a filter coefficient stored in the storage section is configured in size that corresponds to 1/4 of the filter size.

7. (Canceled)

8. (Currently Amended) An image forming apparatus according to claim [[7]] 9, wherein three primary colors of the color is red (R), green (G), and blue (B), and plural types of color data are cyan (C), magenta (M), yellow (Y), and black (K).

9. (Currently Amended) ~~An image forming apparatus according to claim 7, An~~
image forming apparatus comprising:

image readout means for reading three primary colors of colors for each pixel of a
manuscript image;

a color converting section that converts the three primary colors of colors read out by
the image readout means into plural types of color data related to complementary colors;

a region identifying section that identifies a region of each pixel based on the three
primary colors of the colors supplied for each pixel of the manuscript image;

a setting section that sets a value of sharpness setting;

a storage section that stores a filter coefficient that consists of a basic coefficient and a
differential coefficient for each value of sharpness setting;

a generating section that reads out from the storage section a filter coefficient based on
the value of sharpness setting set by the setting section, and generates plural types of matrix
shaped filters that corresponds to a region identified by the region identifying section
according to the read out filter coefficient;

a selecting section that selects one of plural types of matrix shaped filters generated by
the generating section according to the identification result from the region identifying
section;

a filter section that subjects color data acquired from the color converting section to a
filtering process by using the matrix shaped filter selected by the selecting section; and

image forming means for forming an image on an image forming medium based on
color data outputted from the filter section,

wherein a filter coefficient stored in the storage section is configured in size that
corresponds to 1/4 of the filter size.

10 -11. (Canceled)